

**Black Cypress Bayou (unclassified water body)**

Segment: 0402A Cypress Creek Basin

<b>Basin number:</b>	4
<b>Basin group:</b>	A
<b>Water body description:</b>	Perennial stream from the confluence with Big Cypress in Marion County up to 7.5 miles above FM 250 in Cass County.
<b>Water body classification:</b>	Unclassified
<b>Water body type:</b>	Freshwater Stream
<b>Water body length / area:</b>	56 Miles
<b>Water body uses:</b>	Aquatic Life Use, Contact Recreation Use, Fish Consumption Use

<b>Standards Not Met in 2002</b>				
Assessment Area	Use	Support Status	Parameter	Category
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
Middle 1 mile, Pruitt Lake	Fish Consumption Use	Partially Supporting	mercury in fish tissue	5a

**Additional Information:** The contact recreation use was not assessed.

<b>2002 Concerns:</b>			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Lower 15 miles of water body	Aquatic Life Use	Use Concern-Limited Data	lead (chronic) in water
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern-Limited Data	cadmium (acute) in water
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern-Limited Data	cadmium (chronic) in water
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern-Limited Data	copper (acute) in water
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern-Limited Data	copper (chronic) in water
Middle 1 mile, Pruitt Lake	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Middle 1 mile, Pruitt Lake	Fish Tissue Contaminants Concern	Concern	mercury in fish tissue
Middle 1 mile, Pruitt Lake	Narrative Criteria Concern	Concern	metals in sediment
Upper 10 miles of water body	Aquatic Life Use	Use Concern-Limited Data	depressed dissolved oxygen

<b>Monitoring sites used:</b>		
Assessment Area	Station ID	Station Description
Lower 15 miles of water body	10245	BLACK CYPRESS CREEK AT US 59 NORTH OF JEFFERSON
Middle 1 mile, Pruitt Lake	10246	BLACK CYPRESS BAYOU AT SH 155, 5.2 MI. NE OF AVINGER

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
Middle 13 miles near FM 250	10247	BLACK CYPRESS BAYOU AT SH 11 WEST OF LINDEN
Middle 17 miles near CR 1617	16705	BLACK CYPRESS CREEK AT CASS CR1617, 2KM UPSTREAM OF CUNNINGHAM CREEK, 10KM EAST OF AVINGER
Upper 10 miles of water body	10248	BLACK CYPRESS BAYOU AT FM 250, 4 MI. NE OF HUGHES SPRINGS

<b>Published studies:</b>		
<b>Publication</b>	<b>Date</b>	<b>Author</b>
AS 121/SR Cypress Creek Basin	Jan. 1993	Crowe, A. (Region 5)